

Docket No. DP-310121

ABSTRACT OF THE DISCLOSURE

A suspension system, typically for use between a cab and an associated truck frame, including a s strut module having a strut, an air spring and a control module. The control module is connected to a source of pressurized air, is integral with the strut and includes a height sensor for sensing a distance between the cab and truck frame. The integral control module selectively pressurizes the air spring in response to changes in that distance. Preferably, the strut is a magnetorheological, McPherson-type strut and the air spring encloses at least a portion of the strut to provide a compact assembly. The strut damping characteristics are varied by the control module to provide optimal ride characteristics. The strut module includes a three-point connection to the cab and frame to resist relative lateral movement between the cab and frame.